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June 7, 1994

Ms. Verneta Simon
On-Scene Coordinator
US Environmental Protection Agency
77 W. Jackson Blvd., HSE-5J
Chicago, IL 60604

RECEIVED
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M. Massey
OFFICE OF SUPERFUND
ASSOCIATE
DIVISION DIRECTOR

RE: Project Status Report - Lindsay Light II Site, 316 E. Illinois St., Chicago, IL

Dear Ms. Simon:

This status report is provided in accordance with the requirements of paragraph 14 of the Administrative Order by Consent (AOC), dated January 17, 1994. The status report, prepared on a monthly basis, covers activities during May 1994. The report includes actions taken to comply with the Order and significant work items planned for the next month, June 1994. Submittal of this status report is required on a monthly basis subsequent to the approval of the Work Plan.

The Work Plan, in accordance with paragraphs 1 and 2 of the AOC, was approved May 13, 1994 with conditions requiring minor revisions to the draft Work Plan. The date of the Work Plan approval for the purpose of establishing subsequent submittal deadlines is May 13, 1994.

A site Health and Safety plan was included in the Work Plan as Appendix B. Submittal and incorporation in the approved Work Plan complies with paragraph 4.a. of the AOC.

A six meter site-wide grid was laid out by a licensed land surveyor on Saturday, May 14, in accordance with paragraph 4.b. of the AOC. This survey included a 1 meter grid in the area of the former Stable/Carriage House building at 316 E. Illinois St.

An overland gamma radiation survey in accordance with paragraph 4.b. of the AOC was conducted Saturday and Sunday, May 14 and 15, 1994. Copies of the preliminary data were transmitted to USEPA's personnel on Wednesday, May 18. A meeting to discuss proposed subsurface survey locations was held Friday, May 20, at which time additional data illustrations were provided to USEPA. Note was made by USEPA of the need to check time interval references on the radiation data.

The effect of the use of the steel CPT casing was evaluated using calibration drums at the Kerr-McGee West Chicago site. The effect of the casing showed a fairly consistent 30 to 35% reduction in count rate, regardless of the count rate. Comparisons were made using five different drums. Count rates with casing ranged from a low of 13-16 counts per second (cps) to a maximum of 420 cps. Counts without casing on those drums ranged from 20-25 cps at the low end to 550-600 cps at the high end.

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Subsurface exploration to measure gamma radiation was conducted Saturday and Sunday, May 21 and 22 in accordance with paragraph 4.c. of the AOC. Obstructions were encountered in several proposed boring locations. Seven complete logs were run, and two partial profiles were run. Background gamma levels were in the range of 10 to 20 cps. Maximum readings detected at a depth of approximately 1 meter were approximately 12,000 cps. The highest subsurface readings were measured in the areas exhibiting the highest overland gamma measurements.

Soil samples were collected Sunday, May 22, 1994, in accordance with paragraph 4.d. of the AOC. Samples were collected at one background location, at two transitional locations, and at two locations exhibiting high gamma readings. Sample intervals and locations were selected on both overland data and subsurface data. The highest gamma samples were also submitted for waste characterization analysis.

Analysis of these samples in accordance with paragraph 4.d. of the AOC is in progress with results anticipated by late June, 1994.

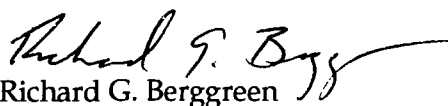
All investigation-generated wastes were placed in drums or buckets, and locked in the on-site trailer. Disposal of these materials in accordance with paragraph 5 of the AOC is in process of being permitted. It is not known whether this material will be removed by the end of June.

It is anticipated that submittal of reports and completion of work required by the AOC can be completed within the deadlines specified in the AOC.

Please contact us with any questions you may have regarding his status report.

Regards,

STS CONSULTANTS, LTD.


Richard G. Berggreen
Project Coordinator

RGB:AZ3:seb

cc: Charles Gardner, CDCT
Vince Oleskiewicz, Baker & McKenzie